

8. Los Arcos, Banderas Bay, Jalisco (locality 49), unknown depth; March 22-24, 1965, 1 specimen; collected by J. H. McLean and C. Miller (LACM).

9. Taboguilla Island, Bay of Panamá (locality 85), approximately 17 m; August 30, 1974, 2 specimens (1 female 10.5 mm long and 7 mm wide, 1 male approximately 3 mm long); September 11, 1974, 1 specimen (a female, 9 mm long and 6.5 mm wide); on two individuals of *Phataria unifascialis*; collected by G. L. Hendler (LACM).

The male *Thyca callista* (Figure 1) was found between the foot of the female and the skin of the asteroid. Its larval shell matched the description given by BERRY (1959: 110) for a female—"3 whorls, solid, smooth, porcelainous, bulbiform, flatly ventrally embedded in the non-spiral body-whorl in oblique reverse to the subsequent axis." However, the sculpture of the body whorl differs. The male had prominent spiral rather than axial ridges.

Developmental studies are required to determine if this species is a protandric hermaphrodite and that the axial sculpture develops as the animal grows older. A slight hint of developing axial sculpture can be seen near the newest, peripheral part of the male shell (upper part of Figure 1), giving slight, indirect evidence of protandric growth in *Thyca callista*.

## ACKNOWLEDGMENTS

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